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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of

Ravishankar Sankaranarayanan	Docket No.: 37177
Serial No.: 10/757,987	Art Unit: 2821
Filed: January 16, 2004	Examiner: Shih Chao Chen
Customer No. 23494	Conf. No.: 4998
For: Antennas Supporting High Density of Wireless Users in Specific Directions	

**CERTIFICATION OF FACSIMILE TRANSMISSION**

I hereby certify that the following papers are being transmitted by facsimile to the U.S. Patent and Trademark Office at 571-273-8300 on the date shown below:

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11-2-05  
Date

**FACSIMILE COVER SHEET**

<input checked="" type="checkbox"/> <b>FACSIMILE COVER SHEET</b>	<input type="checkbox"/> AMENDMENT <u>111</u> (10 Pages)
<input type="checkbox"/> NEW APPLICATION	<input type="checkbox"/> EOT (# Page)
<input type="checkbox"/> DECLARATION (# Pages)	<input type="checkbox"/> NOTICE OF APPEAL (# Pages)
<input type="checkbox"/> ASSIGNMENT (# Pages)	<input type="checkbox"/> APPEAL (# Pages)
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<input type="checkbox"/> CONTINUATION APPN (# Pages)	
<input type="checkbox"/> DIVISIONAL APPN	
NAME OF INVENTOR(S): Ravishankar Sankaranarayanan	
TITLE OF INVENTION: Antennas Supporting High Density of Wireless Users in Specific Directions	
TI FILE NO.: <b>TI-37177</b>	DEPOSIT ACCT. NO.: <b>20-0668</b>
FAXED: 11/2/2005	
DUE: 11/2/2005	
ATTY/SECY: AZ/ms	

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TI-37177

Attorney Docket No.

In re the Application of

Ravishankar Sankaranarayanan

Serial No: 10/757,987

Filed: January 16, 2004

For: Antennas Supporting High Density of Wireless Users in Specific Directions

Conf. No.: 4998

Commissioner for Patents

P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an amendment in the above-identified application. The fee has been calculated as shown below:

CLAIMS AS AMENDED						
	CLAIMS REMAINING AFTER AMT.		HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE
Total Claims	25	Minus	20	= 5	x \$50 =	\$ 250.00
Independent Claims	5	Minus	3	= 2	x \$200 =	\$ 400.00
TOTAL ADDITIONAL FEE FOR THIS AMOUNT						\$ 650.00

Charge the total fee, and any further additional fees, or credit overpayment to Texas Instruments Incorporated, Deposit Account No. 20-0668. [This form is submitted in triplicate].



Abdul Zindani  
Attorney for Applicant  
Reg. No. 46,091

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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**In re the Application of:** Ravishankar Sankaranarayanan Docket No.: TI-37177  
**Serial No:** 10/757,987      **Filed:** January 16, 2004  
**Art Unit:** 2821      **Examiner:** Shih Chao Chen  
**Customer No.:** 23494      **Conf. No.:** 4998  
**Title:** Antennas Supporting High Density of Wireless Users in Specific Directions

## CERTIFICATION OF FAX TRANSMITTAL

I hereby certify that the above correspondence is being facsimile transmitted to the United States Patent and Trademark Office on November 2, 2005.

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Marianna Smith  
Marianna Smith

AMENDMENT PURSUANT TO 37 CFR 1.111

Dear Sir:

This amendment is in response to the Office Action dated August 2, 2005, having a statutory period for response set to expire on November 2, 2005.

**Amendments to the Specification** begin on page 2.

**Amendments to Claims** begin on page 3.

**Remarks/Arguments** begin on page 8.

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02 FC:1201	400.00 DA	

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